Muzahir Abbas

Project Manager (AI & Automation)

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Project Manager specializing in AI and automation, dedicated to enhancing business productivity through intelligent solutions. Expert in translating complex operational needs into practical, AI-driven systems that streamline workflows and accelerate decision-making. Proven track record of leading projects from concept to deployment, delivering significant efficiency gains for stakeholders.

Education

National University of Sciences and Technology (NUST) *09/2015 - 06/2020*
Bachelor of Science - BS, Computer Science

Work Experience

Creative Technology Lead (AI & Automation) *04/2024 - Present*
SparkE Production — Islamabad, Pakistan

- Spearheaded the transition to an AI-first production model, designing and deploying generative AI workflows that increased asset creation efficiency by over 50%.
- Managed the end-to-end automation of animation and rendering pipelines, successfully eliminating key production bottlenecks and reducing project delivery times by 30%.

Lead Technical Artist & Co-Founder *01/2021 - Present*
SparkE Production — Islamabad, Pakistan

- Directed a technical art team in building and optimizing complex pipelines for Unreal Engine, delivering high-quality cinematics across a portfolio of 10+ projects.
- Engineered custom tools and procedural systems that standardized workflows, leading to a 25% improvement in team productivity and consistency.

AI & Automation | SaaS Developer *04/2024 - Present*
Part Time & Freelancing — Islamabad, Pakistan

- Delivered over 15 custom AI applications and end-to-end automation solutions for freelance clients, improving their business operations in marketing, sales, and data management.
- Functioned as a project lead on client engagements, translating business requirements into technical specifications and managing development from concept to deployment.

Technology Lead & Developer *07/2025 - 09/2025*
Eco Hope — Islamabad, Pakistan

- Led the design and launch of a full-stack donor portal, applying automation to reduce manual data handling and improve operational efficiency by 40% for the NGO.
- Managed all IT operations and infrastructure projects, successfully creating a scalable and secure digital foundation to support the organization's growth.

Co-Founder and CEO *04/2016 - 02/2020*
Zenith Adventures — Islamabad, Pakistan

- Successfully planned, managed, and executed over 25 complex B2C projects (multi-day trips), overseeing all aspects from logistics and budgeting to client satisfaction.
- Developed the company's full operational infrastructure, including a custom booking and event management portal, demonstrating strong business and project management acumen.

Certifications

AI Agent Developer — Vanderbilt University

Generative AI Automation Specialization — Vanderbilt University

Google IT Automation with Python — Google

IBM RAG and Agentic AI — IBM

Career Essentials in Generative AI by Microsoft and LinkedIn — Microsoft

Docker Foundations Professional Certificate — Docker, Inc (2024)

Projects

AI-Powered Cinematographic Shot Generator

Developed a full-stack AI tool to automate pre-production by converting narrative text into generative shot lists, significantly accelerating creative planning.

AI Career Copilot Web App

Engineered an AI-powered SaaS application to analyze and score resumes against job descriptions, providing users with actionable, data-driven feedback for optimization.

Veritas Lens (AI Fact Checker)

Designed and built an AI-driven browser extension to critically evaluate online content in real-time, demonstrating expertise in creating practical, user-facing AI solutions.

AI-Powered Serverless Social Media Scheduler

Built an end-to-end automation workflow using serverless technology to adapt and schedule social media content, showcasing skills in scalable cloud automation.

AI-Powered Web App Planning & Generation Workflow

Created a developer productivity tool that automates the generation of application scaffolds from plain-text specifications, accelerating MVP bootstrapping.

TwoFold an AI-Powered Relationship Growth Platform

Architected a privacy-first, dual-agent AI coaching platform to manage shared goals, demonstrating complex AI orchestration and UX design.

Skills

AI & Automation

Generative AI • AI Agents • Business Process Automation • Workflow Automation • LLMs (Gemini/GPT) • RAG

Project Management & Leadership

Project Lifecycle Management • Stakeholder Communication • Team Leadership • Agile Methodologies • Technical Roadmapping

Cloud & DevOps

Google Cloud Platform (GCP) • Docker • Serverless Architecture • CI/CD

Programming & Frameworks

Python (Flask) • JavaScript (React, Node.js) • Full-Stack Development

Languages

English (Fluent) • German (Beginner)